



Certificate of Analysis

PD-L1 Protein, Rat (HEK293, His)

Cat. No.:	HY-P73365
Batch No.:	269061
Species:	Rat
Source:	HEK293
Tag:	C-10*His
Accession:	NP_001178883.1 (A18-T238)
Gene ID:	499342
Molecular Weight:	Approximately 41.79 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	<1 EU/μg
Biological Activity	Measured by its ability to inhibit anti-CD3-induced proliferation of stimulated CTLL-2 mouse cytotoxic T cells. The ED_{50} for this effect is 0.1872 μg/ml in the presence of 10 g/mL anti-CD3, corresponding to a specific activity is 5.34×10^3 units/mg.	0.1872 μg/mL
Appearance	Lyophilized powder.	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O.	
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.	
Shipping	Room temperature in continental US; may vary elsewhere.	

Caution: Product has not been fully validated for medical applications. For research use only.

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